



## MATERIAL SAFETY DATA SHEET

Version Number: 1

Preparation date: 2006-05-18

### 1. PRODUCT AND COMPANY IDENTIFICATION

**Product name:** G-FORCE ALL-PURPOSE & GLASS CLEANER CONCENTRATE  
**MSDS #:** F-00164002  
**Product code:** 4410110, 4410150, 4410340, 3145555  
**Recommended use:** Cleaning product. This product is intended to be diluted prior to use.

**Manufacturer, importer, supplier:**

US Headquarters The Butcher Company 8310 16th St. Sturtevant, Wisconsin 53177-0902 Phone: 1-800-225-9475 MSDS Internet Address: www.thebutchercompany.com	Canadian Headquarters JohnsonDiversey - Canada, Inc. 2401 Bristol Circle Oakville, Ontario L6H 6P1 Phone: 1-800-668-3131
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**Emergency telephone number:** 1-800-228-5635 (Prosar); 1-651-917-6133 (Int'l Prosar); 01-800-710-3400 (México)

### 2. HAZARDS IDENTIFICATION

**EMERGENCY OVERVIEW**

- WARNING
- CAUSES EYE IRRITATION
- MAY BE MILDLY IRRITATING TO SKIN

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**Principle routes of exposure:** Eye contact. Skin contact. Inhalation. Ingestion.  
**Eye contact:** Severe eye irritation.  
**Skin contact:** May be mildly irritating to skin.  
**Inhalation:** May be irritating to nose, throat, and respiratory tract.  
**Ingestion:** May cause irritation to mouth, throat and stomach .

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**HAZARDOUS COMPONENTS**

Ingredient(s)	CAS #	Weight %
Alcohol ethoxylates	68439-46-3	5 - 10%

### 4. FIRST AID MEASURES

**Eye contact:** Immediately flush eyes with running water for at least 15 minutes, keeping eyelids open. Get medical attention.

**Skin contact:** Flush immediately with plenty of water. If irritation develops get medical attention.

**Inhalation:** If breathing is affected, remove to fresh air. Get medical attention.

**Ingestion:** Give a cupful of water or milk . THEN IMMEDIATELY CONTACT A PHYSICIAN OR POISON CENTER. DO NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

**Aggravated Medical Conditions:** None known.

### 5. FIRE-FIGHTING MEASURES

**Suitable extinguishing media:**

The product is not flammable. Extinguish fire using agent suitable for surrounding fire .

**Extinguishing media which must not be used for safety reasons:**

None.

**Special protective equipment for firefighters:**

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear

**Specific hazards:** None known.

**Unusual hazards:** None known

**Specific methods:** No special methods required

**NFPA**

**Health: 2**

**Flammability: 0**

**Instability: 0**

**6. ACCIDENTAL RELEASE MEASURES**

**Personal precautions:** Use personal protective equipment

**Environmental precautions and clean-up methods:** Absorb spill with inert material (e.g. dry sand or earth), then place in a chemical waste container. Use a water rinse for final clean-up.

**7. HANDLING AND STORAGE**

**Handling:** Avoid contact with skin, eyes and clothing. Do not taste or swallow. Remove and wash contaminated clothing and footwear before re-use. Wash thoroughly after handling. Product residue may remain on/in empty containers. All precautions for handling the product must be used in handling the empty container and residue. **FOR COMMERCIAL AND INDUSTRIAL USE ONLY.**

**Storage:** Protect from freezing. Keep tightly closed in a dry, cool and well-ventilated place. **KEEP OUT OF THE REACH OF CHILDREN.**

**8. EXPOSURE CONTROLS / PERSONAL PROTECTION**

**Engineering measures to reduce exposure:**

No special ventilation requirements. General room ventilation is adequate.

**Personal Protective Equipment**

- Eye protection:** Chemical splash goggles.
- Hand protection:** Chemical resistant gloves
- Skin and body protection:** No special protective clothing is required.
- Respiratory protection:** No special protective clothing is required.
- Hygiene measures:** Handle in accordance with good industrial hygiene and safety practice

**HMIS**

**Health 2**

**Fire Hazard 0**

**Reactivity 0**

**Personal protective equipment**



**9. PHYSICAL AND CHEMICAL PROPERTIES**

**Physical State:** Liquid  
**Color:** Green  
**pH:** 9.1  
**Specific gravity:** 1.007  
**Bulk density:** No information available  
**Evaporation Rate:** No information available  
**Solubility:** Soluble  
**Solubility in other solvents:** No information available  
**Partition coefficient (n-octanol/water):** No information available

**Appearance:** Aqueous solution  
**Odor:** Solvent  
**Dilution pH:** No information available.  
**Density:** 8.4 lbs/gal  
**Vapor density:** No information available  
**Viscosity:** No information available  
**VOC:** 4.15% \*

<b>Boiling point/range:</b>	Not determined
<b>Melting point/range:</b>	Not determined

**9. PHYSICAL AND CHEMICAL PROPERTIES**

Flash point:	>200 (°F) >93.3 (°C)
Decomposition temperature:	Not determined
Autoignition temperature:	No information available
Elemental Phosphorous:	0 %P

\* - Title 17, California Code of Regulations, Division 3, Chapter 1, Subchapter 8.5, Article 2, Consumer Products, Sections 94508

**10. STABILITY AND REACTIVITY**

<b>Stability:</b>	The product is stable.
<b>Polymerization:</b>	Hazardous polymerization does not occur.
<b>Materials to avoid:</b>	None known.
<b>Conditions to avoid:</b>	Do not freeze.
<b>Hazardous decomposition products:</b>	None reasonably foreseeable.

**11. TOXICOLOGICAL INFORMATION****HAZARDOUS COMPONENTS**

Ingredient(s)	LD50 Oral - Rat	LD50 Dermal - Rabbit	LC50 Inhalation - Rat
Alcohol ethoxylates	= 1378 mg/kg	> 2 g/kg	Not available

**Acute toxicity** Oral LD50 estimated to be greater than 5000 mg/kg. Dermal LD50 estimated to be > 2000 mg/kg  
**Chronic toxicity:** None known

**Specific effects**

<b>Carcinogenic effects:</b>	None known
<b>Mutagenic effects:</b>	None known
<b>Reproductive toxicity:</b>	None known
<b>Target organ effects:</b>	None known

**12. ECOLOGICAL INFORMATION**

**Environmental Information:** No data available

**13. DISPOSAL CONSIDERATIONS**

**Waste from residues / unused products:**  
 Dispose of according to all federal, state and local applicable regulations

**14. TRANSPORT INFORMATION**

**DOT/TDG:** Please refer to the Bill of Lading/receiving documents for up to date shipping information

**15. REGULATORY INFORMATION****International Inventories**

All components of this product are listed on the following inventories: U.S.A. (TSCA), Canada (DSL/NDSL).

**U.S. Regulations**

**California Proposition 65:** This product is not subject to the reporting requirements under California's Proposition 65

**STATE RIGHT TO KNOW**

Ingredient(s)	CAS #	MARTK:	NJRTK:	PARTK:	RIRTK:
Water	7732-18-5	-	-	-	-
Sodium citrate	6132-04-3	-	-	-	-
Alcohol ethoxylates	68439-46-3	-	-	-	-
1-butoxypropanol	5131-66-8	-	-	-	-
Disodium cocoamphodipropionate	68604-71-7	-	-	-	-

**CERCLA/ SARA**

None

**CAA HAP/CAA ODS/CWA Priority Pollutants: None****SARA 311/312 Hazard Categories**

<b>Immediate:</b>	Y
<b>Delayed:</b>	N
<b>Fire:</b>	N
<b>Reactivity:</b>	N
<b>Sudden Release of Pressure:</b>	N

**Canada****WHMIS hazard class:** D2B Toxic materials .**16. OTHER INFORMATION****Reason for revision:** Not applicable**Prepared by:** NAPRAC**Additional advice:** None

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